

Complexes of Alkyllithium and Dialkylsulfides, by
B. A. Dolgoplosk, V. A. Kropachev, R. I. Nikolayev,
2 pp.

RUSSIAN, trubice-mo per, Dok Ak Nauk SSSR, Vol 61,
No 5, pp 789-790. Sep/Oct 1956.

Consultante Europeo

Sci - Chem

56, 671

Dec 57

The Reaction of N-Methylaniline With Acetaldehyde,
by L. P. Zalukayev, 4 pp.

RUBSIZ, zhizne-vo per, Dekr Ak Nauk SSSR, Vol 63,
No 5, pp 791-794, Sep/Oct 1956

Consultants Bureau

Sci - Chem

56, 672

Dec 57

The Alkylation of Benzene With Hydroxyisopropyl-hydrazonecyclhexylacetylene Diacetate in the Presence of AlCl_3 , by R. M. Lagidze, Sh. D. Kuprava, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CX,
No 5, pp 795-797. Sep/Oct 1956

Consultants Bureau

Sci - Chem

56, 669

Dec 37

The Structure of the Methylated Forms of Dithizone
(Diphenylthiocarbazone) and Its Derivatives, by P. S.
Palmis, R. C. Dubenko, 4 pp.

RUSSIAN, three-line per, Dok. Ak. Nauk SSSR, Vol 141 CM,
No 5, pp 793-801. Sep/Oct 1965

Consultants Bureau

Sci - Chem

56,670

Dec 57

Cyclic Isomers of Acylhydrazones of α, β -Unsaturated Ketones and Their Tubercolostatic Properties, by I. Ya. Postovsky, N. N. Vereshchagina, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CX,
No 5, pp 802-804. Sep/Oct 1956

Consultants Bureau

Sci - Chem

56, 673

See 57

Development of Crystallization Structures and
Variation of Their Mechanical Strength, by E. E.
Segalova, V. H. Samaylova, S. A. Robinder, 2 pp.
UFGIA49STR100

RUSSIAN, per, Rok Ak Nauk SSSR, VOL CX, NO 5, 1956,
pp 803-811.

Sci Met DAB Gr 57/4462

73, 548

See "Phys; Chem
Sep 58

The Influence of Soil Bacteria on the Assimilation
of Phosphorus Compounds by Plants, by N. A.
Krasil'nikov, and V. V. Kotclev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CX, No 5, 1956,
pp 858-861.

Assoc Tech Sr
89K25R
ATS RJ-4206

Sci - Biology
Apr 59
OTS V. I, No 5

85,920

Tregubenko, I. P.
EFFECT OF ETHYLENEDIAMINE TETRAACETATE
ON KIDNEY FUNCTION. [1962] [Slp. 4 refs.
Order from OTS or SLA \$1.10 62-32585

Trans. of Akademiya Nauk SSSR. (Doklady) 1956,
v. 110, no. 5, p. 874-876.

DESCRIPTORS: *Drugs, *Pharmacology, *Metal
poisoning, Therapy, *Ethylenedinitrilo tetracetates,
Salts, Sodium, Calcium, Radiation sickness,
Hypercalcemia.

(Biological Sciences--Pharmacology, TT, v. 9, no. 7)

62-32585
I. Tregubenko, I. P.
II. Translations, New York

Office of Technical Services

K-Meson Decay of a Slow Secondary Particle, by
A. A. Vartolomeyev, R. I. Gerasimova, L. A.
Karpova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Ser, Vol 67,
No 6, pp 399-

Amor Inst of Phys
Rev Phys Doklady
Vol 1, No 5

Sci - Phys
AUG 57

The Total Cross Sections⁶⁸ for the Interaction of
Neutrons With Li⁶ and Li⁷ from 10 to 450 kev, by
G. V. Gorlov, B. M. Goldberg, V. M. Morozov, G. A.
Otroshchenko, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Ser, Vol CX,
No 6, 1955, pg 963..

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 5

Sci - Phys
Aug 57

The Search for Double Beta Decay in Ca^{40} , by E. I.
Dobrolyubov, V. R. Lazarenko, S. Yu. Iak'ianov,
L. M.

RUSCIA, per, Dokl Akad Nauk SSSR, Phys Sec, Vol CX,
No 6, 1956, pp 966.

After First of Phys
For Phys "Doklady"
Vol I, No 4 5

Sci - Phys
Aug 77

Total Cross Sections for the Interactions of 650
MeV Protons and Nuclei, by V. I. Moshalev, D. V.
Govrillevskiy, 1 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Ser, Vol 68,
No 6, 1958, pp 972-

Ann Inst of phys
Rev Phys 'Doklady'
Vol I, No 5

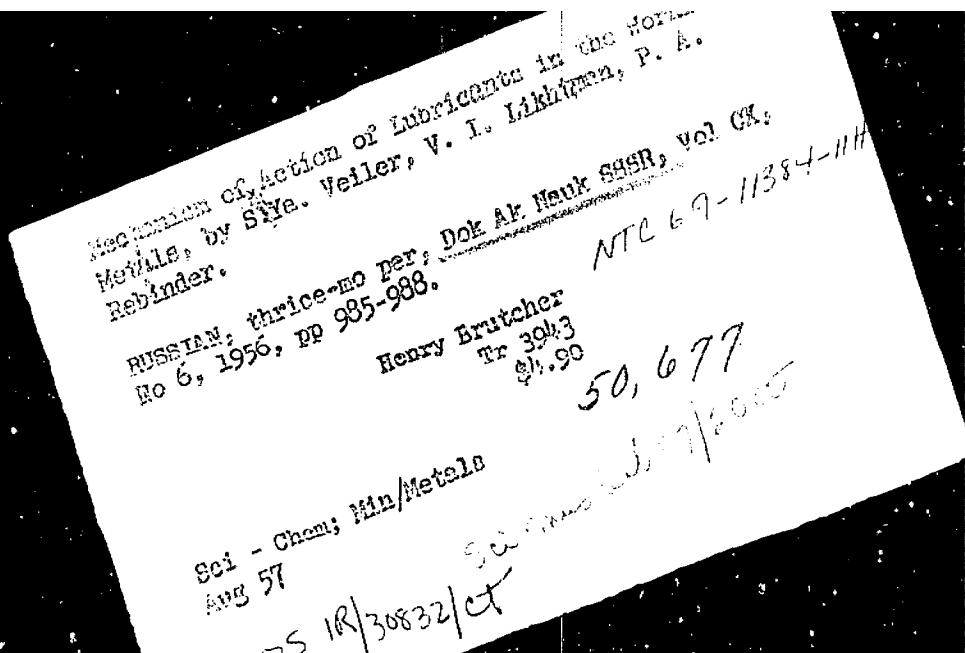
Sci - Physics
AUG 57

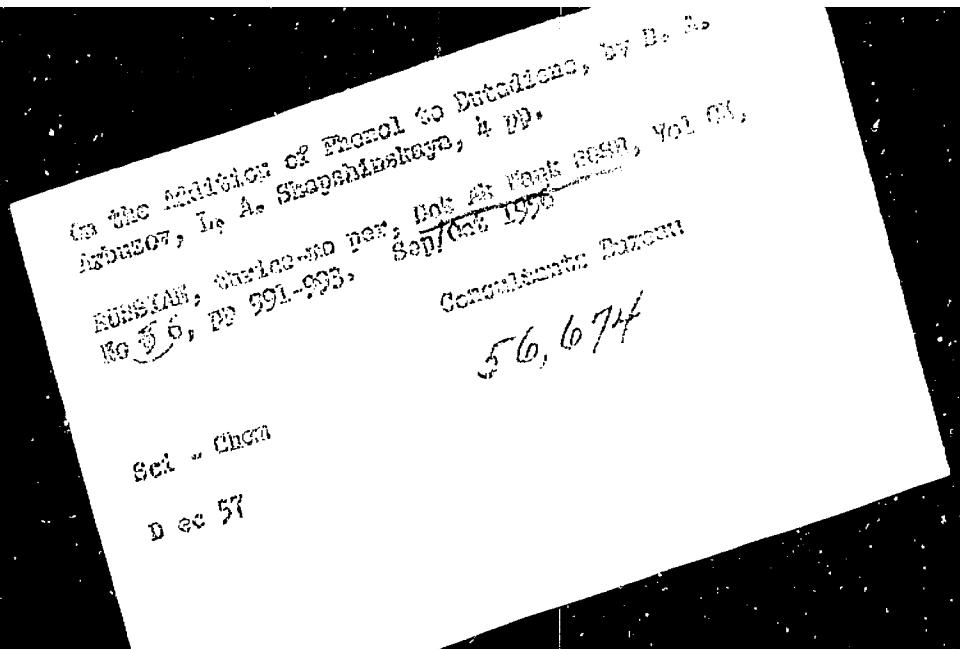
An Investigation of Vacuum-Evaporated Single-Crystal Germanium Films, by G. A. Kirov, G. A. Semiletov, Z. G. Pinskiy, 3 pp.

RUSSIAN, per, Dok Akad Nauk SSSR, Phys Ser, Vol CX,
No 6, 1956, pp 970.

ANOR Inst of Phys
Gov Phys "Doklady"
Vol I, No 5

Sci - Physics
Aug 57





Catalytic Chlorination of Propane, by B. A.
Krentsel, A. V. Topchiev, D. S. Il'yina, 4 pp.

RUSIAN, zhico-no per., Dok Akad Nauk SSSR, Vol CX,
No 6, pp 951-957. Sep/Oct 1956

Consultants Bureau

Sci - Chem

56, 675

Dec 57

Chemical Study of the Alkaloids of the Securinega
Senz-Shvab Securinega Sulfatidocca (Bell.) Rehd.,
by V. I. Mavryjeva, A. I. Banikovitch, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CX,
No 6, pp 998-1000. Sep/Oct 1956

Consultants Bureau

Dec - Item

56, 676

Dec 57

Electron microscope and electronographic
study of spherulitic formations and small
crystals in crystalline polymers, by V. A.
Kargin, T. A. Koretskaya, 4 pp.

RUSSIAN, per, Doklady Ak Nauk SSSR, 110,
no 6, p 1015-1017, 1956.

ATS-46J16R

Sci

Aug 59
Price \$4.90

94, 408

Investigation of Kinetics of the Electrode
Processes Under the Films of Absorbed Moisture,
by N. D. Tomashov, Yu. N. Mikhailovskiy.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CX,
No 6, 1956, pp 1026-1029.

Navy Tr 1626/NRL 651

Sci - Physics
Feb 58

58, 584

Protective Electrochemical Action of Cathodic Coatings, by G. S. Chernova, R. M. Al'tovskiy.
~~UNCLASSIFIED~~

RUSSIAN, thrice-mo per, Dok At Akad SSSR, Vol CK,
No 6, 1956, pp 1030-1033.

Navy Fr 1643/ERL-656

Sci. & Libr.
Mar 58

58731

Distribution and Course of Spermatogenesis in Male
Ixodid Ticks, by Yu. S. Balashov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. LX, No. 6, 1956,
pp 1133-1136.

REF ID: A47

Sci. - Medicine
Dec 59

102, 662

A New Solution of the Hydrodynamics Equations, by
L. V. Ovsiannikov, 5 pp.

MERSIAM, per, Dok Akad Nauk SSSR, Vol CXL, No 1,
1956, pp 47-49.

Morris D. Friedman ~~807~~ 8-107

Feb 58

68,334

Polarization of Low-Energy Protons Scattered by Carbon, by B. V. Gavrilovskiy, V. Ya. Golovnia, K. V. Karadzhev, A. P. Klyucharev, V. I. Man'ko,
4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 1, Nov-Dec 1956, pp 59-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

53,420

Sci - Physics
Oct 57

On the Theory of a Real Gas With Noncentral Particle Interaction, by A. E. Glauberman, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 1, Nov-Dec 1956, pp 63-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53, 421

On the Scattering Matrix of an Intermediate System,
by M. S. Livshits, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 1, Nov-Dec 1956, pp 67-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53,422

An Investigation of the N Component of Extensive
Air Showers, by S. N. Nikol'skiy, Yu. N. Vavilov,
V. V. Batov, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 1, Nov-Dec 1956, pp 71-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53,423

Nonlinearity and Conformal Reciprocity, by Andrei
Popovich, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 1, Nov-Dec 1956, pp 74.

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53,416

On the Theory of Concentration Quenching of
Fluorescent Solutions, by B. Ya. Sveshnikov, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 1, Nov-Dec 1956, pp 78-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53,417

The Polarization of Protons Scattered Elastically
by C¹², by P. V. Sorokin, A. Ya Taranov, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 1, Nov-Dec 1956, pp 82-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53 418

Study of Mechanism of Effect of Boron by the
Internal-Friction Method, by M. V. Pridantsev, et al.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 1, 1956, pp 98-101.

Henry Bratcher
Tr 3953
\$3.75

Sci - Chem
Aug 57

50,685-

To The Mathematical Theory of the Synthesis of
(l,k) -Terminal Switching Networks, by G. N. Povarov,

RUSSIAN, per, Dok, AN USSR, Vol. III, No. 1,
1956, pp. 102-104. 9093039

MFD-P-127

The Product of the Action of Sodium Diethyl Phosphite on
Bromoacetone, by B. A. Arbuzov, V. S. Vinogradova,
N. A. Polezhaeva, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 1, Nov/Dec 1956, pp 107-109.

Consultants Bureau

Sci - Chem

Dec 57

56, 681

The Effect of the Structure of Compounds of the Schiff Base Class on Their Properties as Metal Deactivators, by A. A. Gureyev, Z. A. Sablina, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 1, Nov/Dec 1956, pp 110-113.

Sci - Chem

Consultants Bureau

Dec 57

56, 682

Condensation of γ, γ, γ -Trichlorocrotonic, γ, γ -Dichlorocrotonic, and γ -Bromocrotonic Acids With Benzene in the Presence of Aluminum Chloride, by A. N. Nesmeyanov, L. I. Zarkarkin, R. Kh. Freidlina, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI, No 1, Nov/Dec 1956, pp 114-116.

Consultants Bureau

Sci + Chem

56, 683

Dec 57

Synthesis of Acetonitrile From Pentane and Ammonia, by
Ya. M. Paushkin, L. V. Osipova, 2 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 1, Nov/Dec 1956, pp 117-120.

Consultants Bureau

Sci - Chem

Dec 57

56,684

A New Cathodic Depolarizer, by I. L. Rozenfeld,
T. I. Lukonina, 6 pp. UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 1,
1956, pp 136-139. 9616008

Navy 2291/NRL 736

Sci - Physics
Sep 59

CIA/FDD X-3465
*DSIR/TCL-96

96,197

The Polymerization of Isobutylene in the Presence
of Triethyl Aluminium and Titanium Tetrachloride,
by A. V. Topchiyev et al.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
CXI, No 1, 1956, pp 121-124.

Co-Op Trans Sch Tr 330

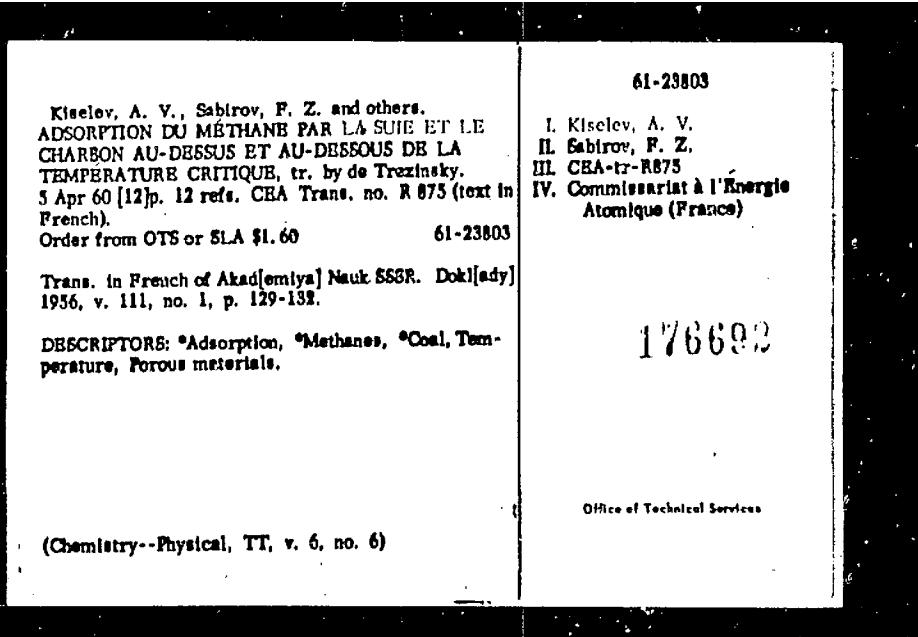
£1.12s.

Assn. of Sci. & Ind. Res.

6.3.6

48,029

Sci - Chemistry
May 57



Exchangeable Ammonium in Pacific Ocean Sediments, by
E. D. Smirnova, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 1, 1956, pp 144.

Consultants Bureau

Sci - Chemistry
May 58

60, 210

The Carbohydrates of Some Species of Bintons, by
G. K. Baranov, 10 pp.

RUSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 1,
1956, pp 148-150.

SIA 59-10146

Sci & Chem
Sep 59
Vol 2, No 2

97939

Energy Distribution in the Continuous Spectrum
of the Central Portion of the Solar Disc in
~~Sonne~~ Absolute Units, by G. F. Sitenik, 8 pp.
UNCLASSIFIED,

RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol.
XXXI, No. 2, 1956, pp 193-196. CIA 64666.2

CXI

ATIC F-IS-9776/V

Sci - Geophys

Jun 59

89, 1446

Radioactive Isotopes of Strontium, Caesium,
Ruthenium Zirconium and Cerium as Supplied
to the Plants, by I. V. Guliakin, E. V.
Iudintseva.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 1,
1 Nov 1956, pp 206-208. CJA 0911232

Sci - Biol, Chem

USDA

SLA R-1866
50, 342

Jul 57

Assimilation By Plants Of Anions By Exchange
Absorption From the Medium by A.V. Peterburgskii.

RUSSIAN, per, Akademiya Nauk SSSR Doklady, Vol
CXI, 1956, pp 209-212.

CSIRO

Oct. 62

On Constructing Discontinuous Solutions of
Quasilinear Hyperbolic Equations as Limits
of Solutions of the Corresponding Parabolic
Equations When the Viscosity Coefficient
Strives Toward Zero, by O. A. Ladyzhenskaya,
5 pp.

RUSSIAN, por, Ak NAUK, SSSR, Dok III, 1956,
pp 291-294.

AEC-UCRL-Tr-965 (L)

Math
Oct 63

The Energy Spectrum of He^3 Dissolved in He II, by
N. G. Berszniak, B. N. Esel'son, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 2, Nov-Dec 1956, pp 322-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

53, 419

Sci - Physics
Oct 57

Triplet-Quintet Transitions in the Atomic Spectrum
of Silicon, by N. A. El'iashevich, O. N. Nikitina, 3pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 2, Nov-Dec 1956, pp 325-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53, 424

On the Intermolecular Transfer of Excitation Energy in Crystals, by E. K. Zavoyskiy, G. E. Smolkin, 4 pp.

RUSSIAN, thizice -mo per, Dok Ak Nauk SSSR,
Vol CXI, No 2, 1956, pp 328-330.

SLA Tr R-418

Sci - Chem
Jul 57

49,943

The Upper Limit of the Radiation Capture Cross
Section of 275 Kev Resonance Neutrons by Li⁷, by
E. A. Koltypin, V. M. Morozov, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 2, Nov-Dec 1956, pp 331-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53, 425

The Excitation of Macroscopic Oscillations by
Quantum Fluctuations, by A. A. Sokolov, D. D.
Ivanenko, I. M. Ternov, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 2, Nov-Dec 1956, pp 334-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

53,426

Sci - Physics
Oct 57

Meson-Meson Scattering in Meson Field Theory, by
V. V. Sudakov, 4 pp.

RUSSIAN, thrice- mo per, Dok Ak Nauk SSSR, Vol CXL,
No 2, Nov-Dec 1956, pp 338-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53, 427

On Pion Production by High-Energy Cosmic Rays,
by Zh. S. Takibayev, P. A. Usik, M. G. Antonova, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 2, Nov-Dec 1956, pp 341-

Amer Inst of Phys
Sov Physics "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53, 412

Causality and the Criterion of Physical Realizability
in Quantum Field Theory, by L. A. Khalfin, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 2, Nov-Dec 1956, pp 345-

Amer Inst of Phys
Sov Physics "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53, 413

Investigation of the System PbTe - PbSe, by E. I. Elagina,
N. Kh. Abrikosov, 4 pp.

RUSSIAN, thirice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 2, Nov/Dec 1956, pp 353-354.

Consultants Bureau

Sci - Chem

Dec 57

56,685

Liquid-Crystal Equilibria in Systems Containing Chrysene
by V. M. Kravchenko, I. S. Pastukhova, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI, No 2
Nov/Dec 1956, pp 355-357.

Consultants Bureau

Sci - Chem

56, 686

Dec 57

Synthesis of Dienes With a Fixed Trans Configuration c
the Double Bonds. 3-Methylenecyclohexene, by I. N. Na²²
N. V. Kuznetsov, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI, No 2
Nov/Dec 1956, pp 358-361.

Consultants Bureau

Sci - Chem

56,687

Dec 57

Intramolecular Acylation in the Ferrocene Series,
by A. N. Nesmeyanov, N. A. Vol'kenau, V. D. Vil'-
chevskaya, 6 pp.

Full tr

RUSSIAN, trhice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 2, Nov 1956, pp 362-364.

Consultant
ATIC F-TS-9263/III

Sci - Chemistry
Oct 57

53,492

Polymerization of Propylene in the Presence of a Series
of Phosphoric Acids Containing Fluorine and Boron Tri-
fluoride, by A. V. Topchiev, V. N. Andronov, 4 pp.

three no per,
RUSSIAN, Dok Ak Nauk SSSR, Vol CXI, No 2, Nov/Dec 1956,
pp 365-368.

Consultants Bureau

Sci - Chem

56, 688

Dec 57

The Method of Ionic Collisions and Evaluation
of the Proton Affinity of Molecules, by V. L.
Tal'roze, E. L. Frankevich, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 2,
1956, pp 376-379.

HRS 57-237
Assoc Tech Sv
22 J16R

Sci
Aug 58

70,355

S-167/60

(DC-3516).

Separation Factors of Carbon Isotopes of Ethylene,
Ethane and Methane During Liquid-Vapor Phase
Equilibrium, by G. A. Yagodin, O. V. Uvarov,
N. M. Zhavoronkov, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 2,
1956, pp 384-387.

JPRS 3195

115 377

Sci - Chem
Apr 60

The Vertical Distribution of Endogenous Elements in the
Bottom Solutions of Okhotskoe More (Sea of Okhotak),
by S. V. Bruevich, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 2, 1956, pp 391-394.

Consultants Bureau

Sci - Chemistry
Mar 58

60, 211

Determination of the Isotope Composition of Lead in
Rocks, by I. B. Starik, E. V. Sobolovich, 4 pp.

RUSSIAN, thrice-mo peri, Dok Ak Nauk SSSR, Vol. 611,
No 2, 1956, pp 395-397

Consultants Bureau

Sci - Chemistry
Ref 58

6.1.2/2
AT&T RJ-1357
Assoc Tech
12/1982

On the Destruction of Lead Anodes in the Electrolysis of Sulphate Solutions, by N. F. Razina, et al.
UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 2, 1956,
pp 404-407.

DSIR/TCL 96

Sci - Chem

Co-op Trans Scheme 627

Nov 58

82, 590

Thermal Properties of Amphiboles as a
Function of Alkali Content, by A. F. Korzhinskiy,
6 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI,
1956, pp 445-447. P100140367
AFCRL T-r-634

Sci - B&M
May 67

326,985

The Systematics of Fossil Sponges and Archaeocyathids, II by I. T. Zhuravleva, P. D. Rezvoy,
5 pp.

RUSSIAN, ~~per~~, ~~IZV Dok Ak Nauk SSSR~~, Vol CXL,
No 2, 1956, pp 449-451.

AT&T-97288
AT&T-RJ-2367

Sci
Feb 62
Vol III, No 11

182, 781

V. P. Luferov

Some Data on the Predatory Feeding of Larval
Tendipedidae.
RUSSIAN, per, Akademiya Nauk SSSR, Doklady,
Vol 111, 1956, pp 466-469
NTC 72-60478-06C

sept 72

Immunizing Properties of Pathogenic Bacteria Exposed
to the Action of Ultrasonic Waves, by A. P. Sheinker,
I. E. El'piner.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, № 2,
Nov 1956, pp 470-472. CIA 9018805

USDA

Sci - Med

May 58

646,3602

Influence of Conditions of Previous Illumination on
the Stability of Chlorophyll Toward Destruction in
the Dark, by I. A. Chernavitskii, B. A. Rubin, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
1956, pp 486-488.

SIA R-1352

May 58

64, 607

Action of Purified Hormones of the Pituitary
Body Upon Fish Ovaries, by J. D. Kirshenblatt.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 2,
1956, pp 504-506.

INSDOC/T. 5658

Sci-Biol
July 63

236,267

Solution of Cauchy Problem for Non-Linear
Equation With Discontinuous Initial Data by a
Method of Finite Differences, by N. D. Vvedenskaya,
11 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXI, 1956,
pp 517-520.

AEC UCRL-Trans-550(L)

Sci - Phys
13 Mar 61

141,295

Problems Related to a Heavy Explosion, Close to Spherical, by E. I. Andriankin.

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol CXI, No 3, 1956, pp 554-556.

Assoc Tech Sv Tr
\$5.25

Sci - Physics
Aug 57

571,5742

RJ-786

9957412

Approximate Formulas for Calculation of the Characteristics of a Shock Wave Front in the Case of a Point Explosion in a Gas, by V. P. Korobeinikov.

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol ~~III~~, 1956,
pp 557-559.

CXI

Assoc Tech Sv TR
\$4.65

RJ-784

Sci - Physics
Aug 57

57, 541

Electrical Conductivity and Photoconductivity of
Phthalocyanines, by A. T. Vartanian, I. A.
Karpovich, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 3, Nov-Dec 1956, pp 561-

Amer Inst of Phys
Sov Physics "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53 414

Linear and Quadratic Zeeman Effects and Exciton
Diamagnetism of Copper Oxide Crystals, by E. F.
Gross, B. P. Zakharchenia, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 3, Nov-Dec 1956, pp 564-

Amer Inst of Phys
Sov Physics- "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53,415

The λ Point of Solutions of Helium Isotopes, by
B. N. Esel'son, N. G. Bereznik, M. I. Kaganov,
3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 3, Nov-Dec 1956, pp 568-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53,408

On the Dispersion Relation for Nucleon-Nucleon
Scattering, by F. M. Kuni, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 3, Nov-Dec 1956, pp 571-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53,409

The Interaction of Vibrations of Nonpolar Crystals
With Electric Fields, by V. S. Mashkevich, K. B.
Tolpygo, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 3, Nov-Dec 1956, pp 575-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53,410

Nucleon Propagation Function in the Quadratic
Approximation, by V. G. Solov'ev, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXL,
No 3, Nov-Dec 1956, pp 578-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53,411

Luminescence Flashes in Zinc Sulfide Crystals and
the Two-Stage Excitation Mechanism, by N. A. Tolstoi,
3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 3 Nov-Dec 1956, pp 582.

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 6

Sci - Physics
Oct 57

53, 404

Edge Dislocation Loop in a Rockelle Salt Crystal,
by V. L. Idenstein, N. A. Chernuychova.

DECLASSIFIED

RUSSEISKAYA, Sov. Dok. Ak. Nauk SSSR, Vol. 68, No. 3,
1956, pp. 596-599.

Sci Mus Lab 57/4293

Sci - Chem
Sep 58

73,383

Contribution to the Problem of Exchange Reactions in
Complex Compounds of Iridium, by A. A. Grinberg, E. A.
Belousov, 2 pp.
Zhur. neorg., ³
RUSSIAN, Dok Ak Nauk SSSR, Vol CXI, No 8, Nov/Dec 1956,
pp 599, 600.

Consultants Bureau

Sci - Chem

56, 689

Dec 57

The Reaction of Zinc (Highly Dispersed) With Aqueous Solutions of Hydrochloric Acid, by L. Lepin, A. Teter.
4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI, No 3
Nov/Dec 1956, pp 601-604.

Consultants Bureau

Sci -Chem

Dec 57

56, 690

Acylation of Acetyl- and Ethylferrocene, by A. N.
Nesmeyanov, N. A. Volkenau, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 3, Nov/Dec 1956, pp 605-608.

Consultants Bureau

Sci - Chem

56, 691

Dec 57

Hydrogenation of Cottonseed Oil With Combined Hydrogen,
by D. V. Sokolsky, R. Z. Gumarova, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI, No 3,
Nov/Dec 1956, pp 609-611.

Consultants Bureau

Sci - Chem

56, 692

Dec 57

<p>Deryagin, B. V. and Dukhin, S. S. THE PRECIPITATION OF AEROSOL PARTICLES AT INTERFACES; DUST-COLLECTION BY A DIFFUSION METHOD, IMPORTANCE TO MEDICINE (Ob Osazh- denii Chastits Aerozoley na Poverkhnostyakh Fazovogo Perekhoda. Diffuzionnyy Metod Pyleulavlivaniya Znacheniye v Meditsine). Jan 61 [11]p. 10 refs. RTS 1743. Order from LC or SLA m\$2.40, ph\$3.30 61-15719 Trans. of Akademiya Nauk SSSR. Doklady, 1956, v. 111, no. 3, p. 619-616.</p> <p>15 (673)</p> <p>(Chemistry--Physical, TT, v. 5, no. 8)</p>	<p>61-15719</p> <p>1. Aerosols--Precipitation 2. Particles (Airborne)-- Collecting methods I. Deryagin, B. V. II. Dukhin, S. S. III. Title: Dust-Collection... IV. RTS-1743 V. Department of Scientific and Industrial Research, (Gr. Brit.)</p> <p>Office of Technical Services</p>
---	--

Study of the Shape and Size of Macromolecules
by the Electron Microscope Method, by T. A.
Koretskaya, V. L. Karpov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 3,
pp 621-622, 1956.

Assoc Tech Serv 85J16R

AEC-T-17 T-202

Sci - Chem
Aug 58

70,604

Catalysis of Semiconductors -- The Catalytic Properties of Metallic Germanium, by O. V. Frolov,
6 pp. S. Z. Roginsky, V. M. Frolov

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, 1956,
pp 623-625.

AEC Tr 3267

Sci - Phys

Sep 58

73, 751

Investigation of the Mechanism of Oxygen Evolution at a Pt-Electrode Using the O¹⁸ Isotope, by N. I. Rosental, V. I. Veselovskiy,
4 pp.

RUSSIAN, per, Doklady ak Nauk SSSR, Vol CXL,
No 3, 1956, pp 637-639.

SLA 60-18778

202, 242

Sci

Jun 62

Determination of Uranium in Accessory Minerals, by
I. E. Starik, I. Ya. Astrashenok, A. Ye. Krylov,
4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 3, 1956, pp 644-646.

Consultants Bureau

Sci - Chemistry
Mar 58

60, 213

Mechanisms of Reductivity Change of Cretaceous Deposits
of the Eastern Ural Region, by I. A. Turkovich, 4 pp.

RUSSLAN, tridcesimo per, Dok Ak Nauk SSSR, Vol 93, No 3,
1956, pp 647-

Consultants Bureau

Sci - Chemistry
Mar 58

60,785

Formation of Hydrated Hydrated Calcium
Chloroaluminates and Their Effect on the
Structure of Hardened Cement, by N. N. Sorb-
Sorbina, Yu. A. Savvina, V. S. Zhurina, 5 pp.
UNCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 3,
1956, pp 659-662.

675.77.2.1.1.2.7

Sci Mus Lib 58/1909

Sci -Chem
Mar 59

83, 296

the Association of Hydroboracite With Ascharite
in the Saliferous Strata of the Mider Uplift,
by I. Y. Marzhenskiy, 8 pp.

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol CXI,
No 3, 1956, p 687-689.

SLA R 1596

*OSIA/TC. JG

Sci

Jul 58

68,820

Influence of the Photoreactivation Effect Upon the Mutation Process in Str Griseus (Act Globisporus Streptomycini) Which Produces Streptomycin, by L. I. Erokhina, S. I. Alikhanian.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 3, 1956,
pp 703-705. CIA 9018804

USDA

Sci - Med

May 58

64, 363